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Publication Title:

DISPLAY PANEL AND DISPLAY DEVICE PROVIDED WITH THE PANEL

Abstract:

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PROBLEM TO BE SOLVED: To provide a display device provided with a display panel, where moire fringes seldom occur, even though the display device is used with a touch panel and/light transmission plate at the same time. **SOLUTION:** This display device 2 has the display panel 8 obtained by laminating a plurality of display subpanels 12B, 12G and 12R, the light transmitting plate 6 provided in front of the display panel and the touch panel 4 provided in front of the light transmitting plate 6. Each pixel of the display panel 8 is composed of subpixels of each display subpanel. The display subpanels 12B, 12G and 12R are laminated, while subpixels corresponding to each pixel of the display panel 8 are shifted from one another at a prescribed distance in the surface 106f direction of the display subpanels. A periodical light and dark pattern can be eliminated or the contrast of the light and dark pattern can be made small, by arranging a subpixel part of one display subpanel at a non- subpixel part of another display subpanel, as seen from the thickness direction of the display panel 8. Accordingly, moire fringes are prevented from occurring, and the moire fringes can be made inconspicuous.

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